



Extension modules for SS/SA/SE/SX/SV/MC PLC's

Extension modules simply clip onto MPU's to add many additional functions, additional digital and/or analog I/O's, communication, temperature measurement and load cell monitoring.

- Simply clips onto and derives supply from main MPU
- General extension (*right side*) - High speed extension (*left side*)

General extension modules (*right side mounting*)

type	supply	inputs (DI)	outputs (DO)	description	output type
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Digital I/O extension modules (*right side high-speed*)

Input extension modules

DVP08SM11N	24 VDC	8	–	extension module	–
DVP16SM11N	24 VDC	16	–	extension module	–
DVP32SM11N*	24 VDC	32	–	extension module	–
UB-10-ID32A	MIL con	32 inputs		terminal module for above	DVP32SM
UC-ET010-24A	MIL con	1 met		I/O connection cable for above	DVP32SM

Output extension modules

DVP06SN11R	24 VDC	–	6	extension module	relay (6A)
DVP08SN11R	24 VDC	–	8	extension module	relay (1.2A)
DVP08SN11T	24 VDC	–	8	extension module	transistor
DVP16SN11T	24 VDC	–	16	extension module	transistor
DVP32SN11TN*	24 VDC	–	32	extension module	transistor
UB-10-OT32A	MIL con		32 way transistor output terminal module		DVP32SN
UC-ET010-24A	MIL con	32 way cable for transistor terminal module	1M		DVP32SN

* Pin head termination. Requires cable and terminal module

I/O extension modules

DVP08SP11R	24 VDC	4	4	extension module	relay
DVP16SP11R	24 VDC	8	8	extension module	relay
DVP08SP11T	24 VDC	4	4	extension module	transistor
DVP16SP11T	24 VDC	8	8	extension module	transistor
DVP16SP11TS	24 VDC	8	8	extension module	transistor (PNP)

Analog I/O extension modules -10 to +10V / -20 to +20mA (output - 0 to +10V / 0 to 20mA)

		(AI)	(AO)		
• Built-in RS485 interface					
DVP04AD-S2	24 VDC	4	–	extension module	–
DVP06AD-S	24 VDC	6	–	extension module	–
DVP04DA-S2	24 VDC	–	4	extension module	analog
DVP06XA-S2	24 VDC	4	2	extension module	analog

Temperature measurement modules

	Resolution: 16bit (0.1°C)	inputs	outputs		sensor
DVP04PT-S*	24 VDC	4	–	RTD temperature module	PT100/1000
DVP06PT-S	24 VDC	6	–	RTD temperature module	PT100/1000
DVP04TC-S*	24 VDC	4	–	thermocouple temp. module	(J,K,R,S,T)

* Built-in RS485 interface

DVP02TU series temperature control modules (*universal input*)

• Analog inputs:	0 - 10V, 0 - 20mA, 4 - 20mA				
• Thermocouple:	J, K, R, S, T, E, N, B, C, L, U, TXK, PLII				
• RTD:	Pt100, JPt100, Pt1000, Cu50, Cu100, Ni100, Ni1000, LG-Ni1000				
• Resolution:	Analog 16-bit, sensor: 0.1°C				
• Output point:	Built-in PID program control/manual control				
DVP02TUL-S	24 VDC	2	2	analog	output voltage/current
DVP02TUN-S	24 VDC	2	4	transistor	NPN output overheat/current
DVP02TUR-S	24 VDC	2	4	relay	output overheat/overcurrent

Positioning control module (*single axis, 200kHz*)

DVP01PU-S		single-axis, 200kHz			servo position control module
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Communication modules

DVPDT01-S	DeviceNet				slave communication module
DVPPF01-S	PROFIBUS-DP				slave communication module